

CAREER OPPORTUNITY ANNOUNCEMENT

DO NOT REMOVE POSTING

AN EQUAL OPPORTUNITY EMPLOYER. CANDIDATES WILL BE CONSIDERED WITHOUT DISCRIMINATION FOR ANY NONMERIT REASON SUCH AS RACE, COLOR, RELIGION, SEX, NATIONAL ORIGIN, POLITICAL AFFILIATION, MARITAL STATUS, PHYSICAL OR MENTAL HANDICAPS, AGE, OR MEMBERSHIP IN AN EMPLOYEE ORGANIZATION.

POSITION TITLE REACTOR SYSTEMS ENGINEER		ANNOUNCEMENT NUMBER R0050027	DATES: OPENING 06/19/00	CLOSING (Close of business) O-U-F	EXPIRATION (For "Open Unit Filled" vacancies remove posting on this date) 10/13/00
SERIES 0801	GRADE GG-13	KNOWN PROMOTION POTENTIAL TO GG-13	AREA OF CONSIDERATION <input checked="" type="checkbox"/> NATIONWIDE <input type="checkbox"/> WASHINGTON, DC COMMUTING AREA <input type="checkbox"/> REGION COMMUTING AREA <input type="checkbox"/> OTHER		TYPE OF POSITION <input checked="" type="checkbox"/> BARGAINING UNIT <input checked="" type="checkbox"/> FULL-TIME <input checked="" type="checkbox"/> PERMANENT APPOINTMENT <input checked="" type="checkbox"/> INCUMBENT IS SUBJECT TO RANDOM DRUG TESTING <input type="checkbox"/> NONBARGAINING UNIT <input type="checkbox"/> PART-TIME <input type="checkbox"/> TEMPORARY APPOINTMENT <input type="checkbox"/> NOT TO EXCEED
COMMUNICATION LOCATION OFFICE OF NUCLEAR REACTOR REGULATION, DIV OF SYSTEMS SAFETY & ANALYSIS, PLANT SYSTEMS BR, FIRE PROTECT & SPEC PROJ SEC			DUTY LOCATION Rockville, MD		
TRAVEL REQUIREMENTS Occasional			NAME OF IMMEDIATE SUPERVISOR ERIC WEISS		

1. AN UPDATED SF411 PERSONAL QUALIFICATIONS STATEMENT OR APPLICATION FOR GOVERNMENT EMPLOYMENT OR RESUME
2. AN NRC FORM 115, VACANCY APPLICATION STATUS NOTICE (NRC applicants only);
3. A COPY OF YOUR CURRENT PERFORMANCE APPRAISAL OR A SIGNED STATEMENT THAT IT IS NOT AVAILABLE.
4. NRC APPLICANTS (ONLY); FOUR COPIES OF APPLICATION MATERIALS REQUESTED.
5. THE NRC IS A ZERO-TOLERANCE AGENCY WITH RESPECT TO ILLEGAL DRUG USE.
6. OTHER (Specify):

NOTICE: APPLICATIONS MAY BE REFERRED TO THE RATING ENTITY A MINIMUM OF SIXTEEN (16) CALENDAR DAYS AFTER OPENING DATE

NONBARGAINING UNIT POSITIONS ONLY. CANDIDATES WHOSE PRESENT PROMOTION POTENTIAL DOES NOT EXCEED THE POTENTIAL OF THIS VACANCY MAY NOT BE SUBJECT TO RATING PROCEDURES AND MAY BE REFERRED DIRECTLY TO THE SELECTING OFFICIAL.

DUTIES OF POSITION (If this position is announced at multiple grade levels, these duties describe the full performance level; at lower grade levels the duties may vary slightly and will be performed under immediate supervision.)

**** VACANCY IS BEING REISSUED TO EXTEND THE CLOSING DATE ****

INCUMBENT SERVES AS A REVIEWER IN THE AREA OF NUCLEAR POWER PLANT PROTECTION PROVIDED AGAINST VARIOUS HAZARDS AND CERTAIN ASPECTS OF HVAC, FIRE PROTECTION, BALANCE OF PLANT, PLANT SECONDARY, AND OTHER SUPPORT SYSTEMS ASSIGNED TO THE BRANCH.

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QUALIFICATIONS REQUIRED (If the position is announced at multiple grade levels, these qualifications describe the full performance level, unless otherwise specified. The position description, immediate supervisor, and/or NRC Manual chapter and Appendix 4108 can be consulted for more detailed qualification requirements and/or interpretation of qualifying experience.)

CANDIDATES MUST HAVE AT LEAST ONE YEAR OF SPECIALIZED EXPERIENCE AT THE NEXT LOWER GRADE LEVEL TYPICALLY IN THE SAME OCCUPATIONAL SERIES OR CLOSELY RELATED TO THE WORK OF THE POSITION TO BE FILLED;

AND

POSSESS A THOROUGH KNOWLEDGE OF THE THEORY, PRINCIPLES AND PRACTICES IN

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RATING FACTORS (Applicants are strongly encouraged to submit a statement addressing the Rating listed below.)

APPLICANTS MUST ADDRESS THE RATING FACTORS LISTED BELOW.

1. KNOWLEDGE OF NUCLEAR REACTOR CONCEPTS, SYSTEMS AND COMPONENT DESIGN AND FUNDAMENTAL OPERATING CHARACTERISTICS OF NUCLEAR POWER PLANTS.

[DESCRIBE SPECIFIC EXPERIENCE, EDUCATION, AND TRAINING WHICH DEMONSTRATE YOUR ABILITY TO APPLY THIS KNOWLEDGE TO THE DESIGN AND FUNCTIONING OF A

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FOR ADDITIONAL INFORMATION CONTACT

ALISON HOFFMAN**FMail. AXH****Mail Stop. 0 3 B17A**

TELEPHONE

AREA CODE

NUMBER

301 413-3830

SEND APPLICATION MATERIALS TO:

<input checked="" type="checkbox"/> Human Resources Services & Operations Office of Human Resources U.S. Nuclear Regulatory Commission Washington, D.C. 20555	<input type="checkbox"/> Region I Personnel Officer U.S. Nuclear Regulatory Commission 475 Allegheny Road King of Prussia, PA 19406	<input type="checkbox"/> Region II Personnel Officer U.S. Nuclear Regulatory Commission 61 Forsyth Street, SW (23785) Atlanta, GA 30303	<input type="checkbox"/> Region III Personnel Officer U.S. Nuclear Regulatory Commission 801 Warrenville Road Lisle, IL 60532	<input type="checkbox"/> Region IV Personnel Officer U.S. Nuclear Regulatory Commission 611 Ryan Plaza Drive, Suite 400 Arlington, TX 76011
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DUTIES OF POSITION - CONTINUED

EXTERNAL SELECTEES WILL BE SUBJECT TO PREAPPOINTMENT DRUG TESTING PRIOR TO ENTRANCE-ON-DUTY.

QUALIFICATIONS REQUIRED - CONTINUED

THE FIELDS OF NUCLEAR, MECHANICAL, OR CHEMICAL ENGINEERING AS EVIDENCED BY A DEGREE OR EQUIVALENT COMBINATION OF EDUCATION, TRAINING AND EXPERIENCE THAT WOULD BE ELIGIBLE FOR CERTIFICATION THROUGH ALTERNATIVE QUALIFICATION STANDARDS.

SPECIALIZED EXPERIENCE: APPLICANTS MUST BE FAMILIAR WITH NRC REGULATIONS, STANDARDS AND REGULATORY GUIDES. APPLICANTS MUST HAVE A PROVEN ABILITY TO APPLY THE KNOWLEDGE IN NUCLEAR POWER PLANT PROTECTION.

PLEASE NOTE: VETERANS WHO ARE PREFERENCE ELIGIBLES OR WHO HAVE BEEN SEPARATED FROM THE ARMED FORCES UNDER HONORABLE CONDITIONS AFTER THREE YEARS OR MORE OF CONTINUOUS ACTIVE SERVICE MAY APPLY. VETERANS MUST SUBMIT A DD-214 OR OTHER ACCEPTABLE EVIDENCE AS PROOF OF VETERANS STATUS.

PLEASE ALSO NOTE: CURRENT/REINSTATEMENT FEDERAL EMPLOYEES WITH STATUS (TENURE GROUP 1 OR 2) WILL BE CONSIDERED THROUGH MERIT PROMOTION PROCEDURES UNDER THIS ANNOUNCEMENT AND MUST SUBMIT A COPY OF SF-50 (NOTIFICATION OF PERSONNEL ACTION) TO VERIFY COMPETITIVE STATUS OR REINSTATEMENT ELIGIBILITY. NRC EMPLOYEES DO NOT HAVE TO SUBMIT AN SF-50. STATUS APPLICANTS WHO WISH TO BE CONSIDERED UNDER BOTH MERIT PROMOTION AND COMPETITIVE PROCEDURES MUST SUBMIT TWO (2) COMPLETE APPLICATION PACKAGES. WHEN ONLY ONE (1) APPLICATION PACKAGE IS RECEIVED, IT WILL BE CONSIDERED UNDER THE MERIT PROMOTION ANNOUNCEMENT ONLY.

PLEASE ALSO NOTE: REASONABLE ACCOMODATIONS WILL BE MADE FOR APPLICANTS WITH DISABILITES, EXCEPT WHEN DOING SO WOULD POSE A HARDSHIP ON THE EMPLOYING AGENCY.

RATING FACTORS - CONTINUED

BROAD RANGE OF PLANT SECONDARY SYSTEMS, AND SUPPORT SYSTEMS NORMALLY ASSOCIATED WITH THE OPERATION OF A NUCLEAR POWER PLANT. (PLANT SECONDARY, CONTAINMENT AND SUPPORT SYSTEMS OF INTEREST INCLUDE SYSTEMS AND/OR DESIGN FEATURES FOR: PROTECTION AGAINST MISSILES, FLOODING, AND POSTULATED PIPING FAILURES; NEW AND SPENT FUEL STORAGE AND HANDLING; COOLING WATER FOR REACTOR AUXILIARIES; MAIN STEAM SUPPLY INCLUDING TURBINE OVERSPEED PROTECTION; MAIN AND AUXILIARY FEEDWATER; REACTOR PROCESS (WASTE) SYSTEMS; HEATING VENTILATION AND AIR CONDITIONING; FIRE PROTECTION; ENSURING OPERATOR PROTECTION FROM RELEASE OF TOXIC AND RADIOACTIVE GASES;

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RATING FACTORS - CONTINUED

EMERGENCY DIESEL GENERATOR AUXILIARIES; CONTAINMENT FUNCTIONAL CAPABILITY (TEMPERATURE AND PRESSURE); CONTAINMENT HEAT REMOVAL AND ISOLATION; CONTAINMENT, COMBUSTIBLE GAS CONTROL; SECONDARY CONTAINMENT FUNCTIONAL DESIGN; CONTAINMENT LEAKAGE RATE TESTING; AND RADIOACTIVE SOURCE TERMS.))

2. KNOWLEDGE OF AND ABILITY TO FORMULATE SOUND TECHNICAL JUDGEMENTS ON THE ADEQUACY OF EXISTING AND PROPOSED SYSTEMS, COMPONENTS AND EQUIPMENT TO ENSURE SAFE NUCLEAR POWER PLANT OPERATIONS.

(DESCRIBE EDUCATION, TRAINING, AND EXPERIENCE WHICH DEMONSTRATE YOUR ABILITY TO FORMULATE TECHNICAL JUDGEMENTS. PROVIDE EXAMPLES OF JUDGEMENTS, RECOMMENDATIONS OR ACTIONS YOU HAVE TAKEN IN REGARD TO THE ADEQUACY OF SYSTEMS, COMPONENTS, AND EQUIPMENT.)

3. KNOWLEDGE OF AND ABILITY TO INTERPRET AND APPLY NRC RULES, REGULATIONS, POLICIES, PRACTICES, PROCEDURES, AND INDUSTRY CODES AND STANDARDS AS THEY RELATE TO THE SYSTEMS AND DESIGN FEATURES OF RATING FACTOR 1.

(DESCRIBE EDUCATION, TRAINING AND EXPERIENCE WHICH DEMONSTRATE YOUR KNOWLEDGE OF AND ABILITY TO APPLY NRC STANDARDS AS THEY RELATE TO NUCLEAR REACTOR SYSTEMS, COMPONENTS, AND DESIGN FEATURES. DESCRIBE EXAMPLES OF PROJECTS YOU HAVE COMPLETED WHICH DEMONSTRATE THIS KNOWLEDGE AND ABILITY.)

4. DEMONSTRATED ABILITY TO EFFECTIVELY PRESENT TECHNICAL AND REGULATORY MATERIAL BOTH ORALLY AND IN WRITING.

(DESCRIBE THE TYPES OF WRITING YOU ROUTINELY GENERATE AND CITE EXAMPLES OF MAJOR DOCUMENTS THAT YOU HAVE PRODUCED REFLECTING THE ABILITY TO ORGANIZE AND CLEARLY EXPRESS IDEAS. DESCRIBE THE ORAL BRIEFINGS YOU HAVE MADE TO WHOM, AT WHAT LEVEL, AND FOR WHAT PURPOSE. DESCRIBE THE OPPORTUNITIES YOU HAVE HAD TO BE A LEAD AUTHOR, PRESENTER OR BRIEFER ON A TECHNICAL OR REGULATORY ISSUE.)

NOTE: BREADTH, DEPTH, RECENCY AND LENGTH OF EXPERIENCE IN THE FIELD; TRAINING, AWARDS AND COMMENDATIONS; PAST AND CURRENT PERFORMANCE; AND COMMUNITY OR OUTSIDE PROFESSIONAL ACTIVITIES WILL BE REVIEWED AS THEY RELATE TO EACH OF THE ABOVE FACTORS TO DETERMINE THE LEVEL OF KNOWLEDGE, SKILL, OR ABILITY OF CANDIDATES.

EXECUTIVE AGENCIES ARE PROHIBITED FROM ACCEPTING OR CONSIDERING APPLICANTS FOR COMPETITIVE APPOINTMENTS OR POSITIONS BASED ON POLITICAL RECOMMENDATIONS FROM MEMBERS OF CONGRESS, CONGRESSIONAL EMPLOYEES, ELECTED STATE OR LOCAL GOVERNMENT OFFICIALS, AND POLITICAL PARTY OFFICIALS. SUCH OFFICIALS MAY ONLY SUPPLY STATEMENTS REGARDING THE CHARACTER AND RESIDENCE OF THE APPLICANT.